Inventors: Gopal B. Avinash et al. Application No. 10/710,391 Attorney Docket No. 153643XZ (GEMS0250PUS) **Annotated Sheet Showing Changes** Filtered Image Iblended Generate a Structure Dependent Noise Fig. 4 Within the Blended Image Intensity Match Values  $G_{TS}$ Generate an Adjusted Gradient Value G<sub>TA</sub> Threshold Value G<sub>TV</sub> Generate a Gradient 126 Structure Dependent Smooth Filter the Normalized Raw Image Data Gradient Mask Gmag 108 Generate a Structure Generate a Conditioned Blended Image Function Values W<sub>F</sub> Generate Weighted 124 Smooth the Structure Mask M<sub>cs</sub> Normalized Raw Image Data ▼ M<sub>bcb</sub> Modulate the Smoothed Low Count Structure Based on Counts Raw Image <del>Date</del> Data വ് Smooth the Normalized Normalize Raw Dependent Noise Filter Data to Image Data and the Structure Image Data Blend the Normalized Raw Form a Blended Image Ibnr 201-104 Ď. Generate a Counts-Based LowCountLimit Modulation Mask Mcb LowCountFlat Ď 221 Image Data R Receive Raw 100 100

Title: COUNT ADAPTIVE NOISE REF

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